

## CLAIMS

What is Claimed is:

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- 5 1. A spumavirus isolated from a human, comprising one of SEQ ID 1-7.
  2. The spumavirus of Claim 1, having ATCC Deposit No. ATCC VR-2635.
  - 10 3. The spumavirus of Claim 1, further comprising exogenous sequences.
  - 15 4. The spumavirus of Claim 3, wherein the exogenous sequences comprise sequences that encode polypeptides.
  5. The spumavirus of Claim 4, wherein the polypeptide is an antigen.
  - 20 6. The spumavirus of Claim 3, wherein the exogenous sequences comprise sequences that are transcribed as antisense RNA, ribozyme RNA or decoy RNA.
  - 25 7. A method of killing dividing cells, comprising, infecting the dividing cells with the spumavirus having ATCC Deposit No. ATCC VR-2635.
  8. The method of Claim 7, wherein the dividing cells are *in vitro*.
  9. The method of Claim 7, wherein the dividing cells are *in vivo*.
  - 30 10. The method of Claim 7, wherein infection is capable of inhibiting tumor formation or growth.
  11. The method of Claim 7, wherein the cells are of human or animal origin.
  - 35 12. A method of detecting the presence of a spumavirus, comprising,
    - a) contacting a biological sample with antigens of the spumavirus of Claim 1,

b) detecting of the binding of antibodies in the biological sample with the antigens.

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